DOCUMENT RESUME

ED 364 201 IR 016 285

AUTHOR	Papert, Seymour
TITLE	The Children's Machine: Rethinking School in the Age of the Computer.
REPORT NO	ISBN-0-465-01830-0
PUB DATE	93
NOTE	241p.
AVAILABLE FROM	BasicBooks, 10 East 53rd St., New York, NY 10022-5299 ($22.50).
PUB TYPE	Books (010) -- Viewpoints (Opinion/Position Papers, Essays, etc.) (120)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	Case Studies; *Change Strategies; Computer Literacy; *Computer Uses in Education; Cybernetics; *Educational Change; Educational Improvement; *Educational Innovation; Elementary School Students; Elementary Secondary Education; Epistemology; Mathematics Instruction; Science Instruction; Secondary School Students; Teachers
IDENTIFIERS	LOGO Programing Language; Piaget (Jean)

ABSTRACT

Seymour Papert, who holds the Lego Chair for Learning Research at the Massachusetts Institute of Technology, looks back over a decade during which American schools acquired more than three million computers and assesses progress and resistance to progress. Stories about visionary teachers who have used computers to enrich learning provide a glimpse of this potential, but school as an institution has resisted. Technology should not be an add-on to a preconceived system of education. The book is particularly critical of the schools' way of isolating the computer in a separate room where computer literacy becomes just another subject or using computer-aided instruction as a new technology for teaching the same old curriculum. In the proposed vision, the computer will be as much part of all learning as the pencil and the book have been in the past. With the new computer-based media, children will master areas of knowledge that are now inaccessible. Self-directed work will allow an unprecedented diversity of learning styles and opportunity for students to learn to take charge of their own learning. (Contains 16 references.) (KRN)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****